

CHELMSFORD AMATEUR RADIO SOCIETY.  
NEWSLETTER NO.177.

November 1980.

Next Meeting.

Novembers meeting is a talk by Ted Jewell, G4ELM entitled "Hoist by his own Petard". Ted has been busy in recent months putting together a tape and slide lecture for the RSGB about common misunderstandings about VSWR, and at the meeting he will describe the many difficulties encountered as well as give us a preview of his lecture. Venue is as usual Marconi College, Arbour Lane, Springfield at 7.30 p.m. on Tuesday Nov. 4th.

Meetings to come.

By popular request, here are a few of the future meetings planned.  
December - Professional Satellites, January - Annual Film Show, February - All About Top Band.

Committee Meeting.

Wednesday November 12th, Wheatsheaf 7.30 p.m.

New Members.

The Club welcomes the following new members: L.Maslen G4BYR, D.L.Mann GI4GYE, P.C.Simons G8YEZ, D.M.Shaw G8MDG.

Report on A.G.M.

At the A.G.M. last meeting, a new committee was elected, as follows :-

|        |       |                       |
|--------|-------|-----------------------|
| Les    | G4CUT | Chairman.             |
| Andrew | G4KQE | Secretary.            |
| John   | G8DET | Treasurer.            |
| Daphne | G8WQZ | Membership Secretary. |
| Dick   | G3WHR |                       |
| Dick   | G3KTF |                       |
| Peter  | G4DAN |                       |
| John   | G3KRZ |                       |
| Carl   | G3PEM |                       |
| Arthur | G3KPJ |                       |
| Arthur | G3EHZ |                       |

Would members please note that subscriptions are now due. Owing to the generosity of many people involved with the club we have been able to maintain the subscription at £2, and John will be very pleased to see anybody and issue them with a shiny new membership card in exchange for their subs.

D.F.

On Sunday October 12th, twelve teams assembled on Tiptree Heath for the start of the D.F. hunt organized jointly by the Chelmsford and Colchester Clubs. Hidden stations were G3WMM for Chelmsford in a wood near Halstead, and G4JIE in a copse by a river near Mersea. It was very pleasing that everyone found both stations in the time allocated. Afterwards everyone returned to the British Legion Hall in Tiptree for tea and a buffet provided by the YLS (G4HKB, G4JAA, G4KKR, G8WQY, G8WQZ and G8NMO). Results as follows :-

|   |                                       |      |
|---|---------------------------------------|------|
| 1 | Bill Pechey G4CUE                     | 2.54 |
| 2 | Jeff Herbut G4JJH                     | 3.46 |
| 3 | Ian Butson G4HKB                      | 3.48 |
| 4 | Pat Hawkins, Pat Butson, G4JAA, G4HKB | 3.53 |
| 5 | John Hawes G4JHP                      | 3.57 |
| 6 | Richard-de-la-Rue G4PJC               | 3.58 |

|                         |      |
|-------------------------|------|
| 7 Arthur Butcher G3KPJ  | 4.12 |
| 8 Andrew Mead G8KQE     | 4.17 |
| 9 Paul Clark and G8MJW  | 4.22 |
| 10 Larry Pleasant G4IZC | 4.24 |
| 11 Roy Emeny G4JAC      | 4.27 |
| 12 Dave Piper G4JXY     | 4.29 |

There is one more event of this season, organized by Colchester, starting at Tiptree Heath at 7.00 p.m. on Friday November 7th.

#### Chelmsford Massachusetts.

As many of you probably know the newsletter is read by stations in Chelmsford, Mass. as well as Chelmsford, Essex, so the name of the club is now known worldwide. If you would like to see what the other Chelmsford amateurs are doing, see Les at the meetings, as he has copies of their newsletters available to read. Also if you would like to work Chelmsford, Mass. Les runs a regular sked on Sundays at 1500 gmt on 28960 KHz, 21430 KHz or 14285 KHz.

#### RSGB informal discussion on Amateur Radio Matters by Daphne G8WQZ.

A few weeks ago your Secretary Andrew G8KQE was invited to an informal discussion on amateur radio matters by the RSGB's Membership and Representation Committee. As the venue for this was in Cambridge I decided that he needed a navigator and promptly offered my services. So, on the 18th October we set out for the University Arms Hotel, Cambridge. Unfortunately we arrived a little late - this was not due to my navigating - the journey took us a little longer than anticipated.

The length of time between taking the RAE and getting the results was discussed. Most exam results take 6-8 weeks, some longer, but the City and Guilds are looking into the matter. Successful candidates then have another long wait for a call sign. The Home Office are inundated with applications as soon as the results are sent out and if one is patient a call sign will be sent eventually. The pass rate this year was very high, imagine having to open and deal with 2500 applications !! The RSGB are considering ways in which they can help the Home Office in this matter.

Articles for Radio Communications was another subject raised. The RSGB is particularly concerned that although a lot of progress is being made in technology by amateurs it is not widely published. The RSGB feels that the amateur movement as a whole would benefit by articles of this nature appearing in Rad.Comm. A similar plea for not so technical articles was made, so if anyone has any material they think would be suitable for publication, the Editor would be very pleased to hear from you.

It was suggested that intermediate steps could be introduced to encourage G8's to learn morse and give a gradual change instead of one great leap e.g. a morse test at 6 words per minute and being able to use morse on 2 metres. The RSGB are giving this subject some consideration.

The fact that non-RSGB members have been using the QSL bureau was mentioned. In future the bureau will only handle RSGB members QSL cards - which is only fair.

The new HF bands were discussed, although it will be several years before they will be used. Following WARC 79 the RSGB is more than pleased that not only have they retained existing bands but have also obtained new allocations.

On the subject of the Call Book it was suggested that a supplement be issued to update the previous years call book but this would prove

uneconomical. The point was raised concerning the publication date. At present the cut off date is July just before the new call signs are issued. This date is traditional to coincide with the Leicester Exhibition but the RSGB are now looking at the possibility of changing the publication date to later in the year.

Don't forget that we have a RSGB area representative in the Club and any queries regarding RSGB matters can be put to Les G4CUT.

#### Other news.

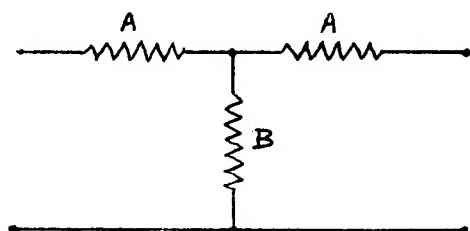
GB3DA is now operational at Danbury on Channel R5, and as expected has a very large coverage and by now a very large audience.

The 1981 Call Book is soon to be issued. For your copy at Club discount, see John G8DET.

Alexander Palace Exhibition next year is to be held on 28,29 & 30th May.

#### Attenuators.

The chart below shows the values of resistors needed to make up T section attenuators for 75 ohm and 50 ohm impedances. In practise many of the resistors will have to be made up of a number in series and/or parallel configuration, parallel preferred, values in ohms.



| Loss<br>in dB | 75 Ohm. |      | 50 Ohm |      |
|---------------|---------|------|--------|------|
|               | A       | B    | A      | B    |
| 1             | 4.3     | 647  | 2.9    | 431  |
| 3             | 12.8    | 213  | 8.5    | 142  |
| 6             | 24.9    | 100  | 16.6   | 67   |
| 10            | 39      | 53   | 26     | 35   |
| 15            | 52      | 25   | 35     | 17   |
| 20            | 61      | 15   | 41     | 10   |
| 30            | 70      | 4.7  | 47     | 3.1  |
| 40            | 74      | 1.5  | 49     | 1.0  |
| 50            | 75      | 0.47 | 50     | 0.32 |

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#### Late News.

Its here at last, H.F. Bands here we come, G8KQE is now G4KQE.

73,

Andrew.

Braintree 23821 (Day)  
Silver End 83094 (Any other time)  
or GB3ER or 144.30 MHz.

9, Abraham Drive,  
Silver End,  
Witham.

#### FOR SALE.

Standard C7800 70cms F.M. Transceiver. 10 watts. Synthesised, 50 or 25 KHz steps, from 430 to 440 MHz. 5 memories, Scan memories or 1 MHz chunk of band. £200. A.Butcher, G3KPJ. Chelmsford 400238 (most evenings).